

WHAT IS CLAIMED IS:

1 1. A moving picture recording camera comprising:
2 an imaging module configured to capture images and convert the images into
3 an electrical signal;
4 a video processing module configured to process the electrical signal and
5 convert the electrical signal into a video signal;
6 a recording module configured to record the video signal on a recording
7 medium;
8 a recording start instruction module configured to command a start of
9 recording;
10 a recording extension instruction module configured to command an extension
11 of recording;
12 a control module configured to control the recording module to record only for
13 a first preset time period when the recording start instruction module is operated; and
14 a temporary storage unit configured to temporarily store the video signal after
15 a lapse of the first preset time period;
16 wherein the control module is configured to control the recording module to
17 record on the recording medium the video signal which is stored in the temporary storage unit
18 when the recording extension instruction module is operated after the lapse of the first preset
19 time period.

1 2. A moving picture recording camera as set forth in claim 1, wherein,
2 when the recording extension instruction module is operated after the lapse of the first preset
3 time period, the control module is configured to control the recording module to record on the
4 recording medium the video signal which is stored in the temporary storage unit so as to
5 follow the video signal recorded on the recording medium during the first preset time period.

1 3. A moving picture recording camera as set forth in claim 1, wherein the
2 recording start instruction module and the recording extension instruction module are
3 operated by using a single button in different situations.

1 4. A moving picture recording camera as set forth in claim 1, wherein the
2 temporary storage unit is configured to temporarily store the video signal produced after the
3 lapse of the first preset time period for a second preset time period, and wherein the control

4 module is configured to control the recording module to record on the recording medium,
5 when the recording extension instruction module is operated during the second preset time
6 period, the video signal stored in the temporary storage unit during the second preset time
7 period.

1 5. A moving picture recording camera as set forth in claim 4, further
2 comprising a recording time-setting module configured to setting at least one of the first and
3 second preset time periods.

1 6. A moving picture recording camera as set forth in claim 1, wherein the
2 temporary storage unit is configured to temporarily store the video signal produced after the
3 lapse of the first preset time period for a second preset time period, and wherein the control
4 module is configured to control the recording module to record on the recording medium,
5 when the recording extension instruction module is operated during the second preset time
6 period, the video signal stored in the temporary storage unit from a beginning of the second
7 preset time period to an instant when the recording extension instruction module is operated.

1 7. A moving picture recording camera as set forth in claim 1, further
2 comprising a buffer check switch which is actuatable to cause playback of the video signal
3 stored in the temporary storage unit.

1 8. A moving picture recording camera as set forth in claim 7, wherein the
2 buffer check switch is actuatable to cause playback of the video signal stored in the
3 temporary storage unit until recording in the temporary storage unit is terminated.

1 9. A moving picture recording camera as set forth in claim 7, further
2 comprising a recording extension switch which is actuatable to operate the recording
3 extension instruction module; wherein the recording extension switch and the buffer check
4 switch are operated by using a single button in different situations.

1 10. A moving picture recording camera comprising:
2 an imaging module configured to capture images and convert the images into
3 an electrical signal;
4 a video processing module configured to process the electrical signal and
5 convert the electrical signal into a video signal;

6 a recording module configured to record the video signal on a recording
7 medium;
8 a recording start-and-stop instruction module configured to command start and
9 stop of recording; and
10 a photography mode selection module configured to select between a normal
11 photography mode in which recording is made from the instant when a recording start
12 command is given by the recording start-and-stop instruction module to the instant when a
13 recording end command is given by the recording start-and-stop instruction module, and a
14 snap moving picture photography mode in which recording is made for a preset time period
15 after a photography start command is given by the recording start-and-stop instruction
16 module;
17 wherein when the video signal is being recorded in one of the two
18 photography modes, if the photography mode selection module is operated, photography
19 mode is switched to the other photography mode and recording is made in the other
20 photography mode.

1 11. A moving picture recording camera as set forth in claim 10, further
2 comprising:
3 a photography mode-switching module configured to switch photography
4 mode to the normal photography mode during photography in the snap moving picture
5 photography mode; and
6 a control module which is configured, when the recording start-and-stop
7 instruction module is operated, to control the recording module to record in a corresponding
8 manner to the photography mode selected by the photography mode selection module and
9 which, when the photography mode-switching module is operated during photography in the
10 snap moving picture photography mode, controls the recording module to record in a
11 corresponding manner to the normal photography mode.

1 12. A moving picture recording camera as set forth in claim 11, further
2 comprising a temporary storage unit configured to temporarily store the video signal after a
3 lapse of the preset time period in the snap moving picture photography mode; and a recording
4 extension instruction module configured to command an extension of recording,

5 wherein the control module is configured to control the recording module to
6 record on the recording medium the video signal stored in the temporary storage unit after the
7 lapse of the preset time period when the recording extension instruction module is operated.

1 13. A moving picture recording camera as set forth in claim 11, wherein
2 the recording start-and-stop instruction module and the photography mode-switching module
3 are operated by using a single button in different situations.

1 14. A recording device comprising:
2 an input module into which an information signal is entered;
3 a temporary storage unit configured to temporarily store the information
4 signal;
5 a recording module configured to record the information signal on a recording
6 medium;
7 a recording stop instruction module configured to command a stop of
8 recording by the recording module;
9 a recording extension instruction module configured to command an extension
10 of recording by the recording module; and
11 a control module configured, when the recording stop instruction module is
12 operated, to cause the recording module to stop the recording and temporarily store in the
13 temporary storage unit the information signal after the stop of recording and, when the
14 recording extension instruction module is operated after the stop of recording, to cause the
15 recording module to record on the recording medium the information signal stored in the
16 temporary storage unit after the stop of recording.

1 15. A recording device as set forth in claim 14, wherein the temporary
2 storage unit is configured to temporarily store the information signal for a preset time period
3 after the stop of recording, and wherein the control module is configured to control the
4 recording module to record on the recording medium, when the recording extension
5 instruction module is operated during the preset time period after the stop of recording, the
6 information signal stored in the temporary storage unit during the preset time period after the
7 stop of recording.

1 16. A recording device as set forth in claim 14, wherein the temporary
2 storage unit is configured to temporarily store the information signal for a preset time period

after the stop of recording, and wherein the control module is configured to control the recording module to record on the recording medium, when the recording extension instruction module is operated during the preset time period after the stop of recording, the information signal stored in the temporary storage unit from a beginning of the preset time period to an instant at which the recording extension instruction module is operated.

17. A recording device as set forth in claim 14, further comprising a buffer check switch which is actuatable to cause playback of the information signal stored in the temporary storage unit.

18. A method for recording, comprising:
upon receiving a recording start instruction for recording an information signal, starting recording the information signal on a recording medium;
upon stopping recording on the recording medium, temporarily storing the information signal from a time of stopping the recording; and
upon receiving a recording extension instruction, recording on the recording medium the temporarily stored information signal from the time of stopping the recording.

19. A method as set forth in claim 18 wherein the temporarily stored information signal is temporarily stored from the time of stopping the recording for a preset time period, and wherein upon receiving the recording extension instruction, the temporarily stored information signal for the preset time period is recorded on the recording medium.

20. A method as set forth in claim 18 wherein the temporarily stored information signal is temporarily stored from the time of stopping the recording for a preset time period, and wherein upon receiving the recording extension instruction during the preset time period, the temporarily stored information signal is recorded on the recording medium from the time of stopping the recording to the time of receiving the recording extension instruction.